

Transmitting power to the firing pin from a voltage supply for transmission to the round of ammunition; and

Applying power to the round of ammunition.

71. (New). The method of claim 70 and further including indicating the status of the firearm.

72. (New). ^{method} The ~~process~~ of claim 70 and further including preventing voltage from reaching the firing pin when a safety mechanism of the firearm is in a safe position.

73. (New). ^{TC2} The ~~process~~ of claim 70 and further including preventing the system control means from accepting a signal from the trigger assembly generated by actuation of the trigger assembly when a safety mechanism of the firearm is in a safe position.

74. ⁷³ The method of claim 70 and wherein controlling and coordinating distribution of power to ^{the} a firing pin includes increasing voltage in a voltage increasing means.

REMARKS

Original claims 1-40, as amended above, remain pending in the reissue application. New claims 41-74 have been added to the present Application for Reissue Patent in accordance with the provisions of 37 C.F.R. § 1.173 and MPEP § 1453. (37 C.F.R. § 1.121(b)(2)(ii)).

Pursuant to 37 C.F.R. §§ 1.121(b)(1) and 1.173, amendments to the specification have been made as noted above. These amendments to the specification have made to clarify the description of the present invention in which is applicable to any type of electronic firearm. No new matter has been added.

Pursuant to 37 C.F.R. 1.173 and MPEP §1411, a cut up copy of the patent as issued, with only a single Column of the patent mounted to a sheet of paper is attached with the application for reissue

A. Claim Amendments

Pursuant to the provisions of 37 C.F.R. § 1.121(b)(2)(iii), Applicants hereby identify support for the amendments made to Claims 1, 2, 14, 30, 38 and 39 of the reissue application as set forth above in the specification of the patent:

Claim 1 has been amended to remove the discussion in the preamble of the movable bolt assembly, voltage increasing means, means for electronically detecting the presence of a round ammunition within the chamber of the barrel, remains for monitoring the capacity of the voltage supply means, the electronic safety operatively connected to the safety mechanism, and the discussion of the firing pin including forward conductive end and a rearward conductive area. This language was originally present in the claims of the '056 patent as issued, specifically original claim 1, which therefore provides necessary support for this amendment, but was not required for patentability of the claims over the cited art. Additional support for claim 1 is found in the discussion in the specification given at Column 7, Line 1 - Column 8, Line 57.

Claim 2 has been amended to affirmatively claim a bolt assembly as an additional limitation to further define the invention recited by Claim 1, as now amended. Support for this amendment is found in original claims 1-2 of the '056 patent as issued, and in the specification and drawings, including at Column 7, Lines 1-21 and Column 8, Line 24-34.

Claim 14 has been amended to affirmatively claim a means for electronically detecting the presence of a round of ammunition within the chamber of the barrel. Support for this amendment is found in original claims 1 and 14 of the '056 patent as issued, and in the specification at Column 7, Lines 54-56, Column 8, Lines 3-15, and Column 11, Lines 32-57.

Claim 30 has been amended to affirmatively claim an electronic safety operatively connected to the safety mechanism of the firearm. Support for this language added to claim 30 is found in original claims 1 and 30 of the '056 patent, as issued, and in the specification of the patent at Column 2, Lines 10-14.

Claim 38 has been amended in similar fashion to claim 1 to delete the discussion of the movable bolt assembly, the step of increasing the voltage from the voltage supply means, electronically detecting the presence of ammunition within the chamber, monitoring the capacity of the voltage supply means, preventing the voltage from reaching the firing pin when the safety is in a safe position and indicating the status for the firearm. Support for these amendments can be found in original claim 38 of the patent as issued and in the disclosure of the patent at Column 2, Lines 39-63 and Column 3, Line 55-Column 6, Line 48.

Claim 39 has been amended to further claim the method of claim 38, including detecting the presence of a round of ammunition in the chamber. Support for this language can be found in original claim 38 of the '056 patent as issued, and in the specification at Column 7, Lines 54-56, Lines 3-15 and Column 11, Lines 32-57.

B. Information Disclosure Statement

Also, submitted herewith is an Information Disclosure Statement, along with the accompanying PTO-1449 form and copies of the cited references for review and consideration by the Examiner in the Application for Reissue Patent.

C. Declaration in Support of Reissue

Also attached with this amendment is the declaration of Dale R. Danner, one of the named inventors, in support of the present application for reissue of the above-identified patent (37 C.F.R. §1.172) together with a consent of the Assignee of Record, Remington Arms Company, Inc., to the filing of this application for reissue patent, and a Power of Attorney appointing the undersigned as counsel of record for the prosecution of this Application for Reissue Patent (37 C.F.R. §1.172).

D. Conclusion

Applicants respectfully submit that the claims now pending in the present Application for Reissue Patent, including original claims 1-40, as now amended, and new claims 41-74, are presently allowable. Applicants therefore respectfully request an early allowance of claims 1-74.

Respectfully submitted,

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CERTIFICATE OF MAILING
I hereby certify that this document is being deposited as ~~First Class~~ ^{Express Mail} ~~U.S. Mail~~ in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on 1/13/00.
Lena Lemrick